

Claims

1. An adaptor kit for converting a can light of the type having an opening into an interior portion thereof defined by interior surfaces, the kit adapting the can light to accept auxiliary fixtures such as a ceiling fan, a hanging lamp, a flush-mounted lamp and the like, the adaptor kit comprising:

a spider plate dimensioned for insertion into the interior portion of the can light and having at least three leg portions extending generally outwardly of a central area thereof;

a bracket mounted on each of said legs and positionally adjustable thereon at a selected position relative to the central area of the spider plate, said bracket having a portion thereof facing an interior surface of the can light for engagement therewith; and

means associated with each bracket for securing its bracket in a selected position relative to its leg and for defining a plane spaced from the spider plate.

2. The adaptor kit of claim 1, wherein said means for securing comprises a threaded fastener having a first and second end, the first end thereof passing through an elongated slot in its bracket and into engagement with a hole in the spider plate and further comprising a threaded nut on said threaded fastener for clamping the bracket to the spider plate at a selected position thereon.

3. The adaptor kit of claim 2, wherein the second end of each of said threaded fasteners define said plane spaced from the spider plate.

4. The adaptor kit of claim 3, wherein said plane is substantially parallel to said spider plate.

5. The adaptor kit of claim 1, wherein each bracket is movable along an axis generally aligned at an angle relative to a radius line of the spider plate.

6. The adaptor kit of claim 5, wherein said angle is about 20° .

7. The adaptor kit of claim 1, wherein each of said brackets, on the portion thereof facing an interior surface of the can light for engagement therewith, includes an opening through which a fastener extends to positionally fix the position of the bracket to the interior surface of the can light.

8. The adaptor kit of claim 7, wherein said opening is a closed elongated slot, an open-ended slot, or a keyhole slot.

9. The adaptor kit of claim 1, further comprising an externally threaded pipe in engagement with a threaded hole in the central area of the spider plate.

10. The adaptor kit of claim 9, further comprising another plate, said another plate having a threaded hole therein for engagement with the threaded pipe and maintained in said plane spaced from said spider plate.

11. The adaptor kit of claim 10, wherein said another plate includes a plurality of threaded holes for engagement with an auxiliary electrical fixture.

12. The adaptor kit of claim 11, wherein said auxiliary electrical fixture is selected from the group consisting of a ceiling fan, a hanging lamp, a flush-mounted lamp.

13. The adaptor kit of claim 1, wherein a bracket is formed from a strip of metal having a major axis along the length thereof and having a first elongated hole therein and a slot therein and bent along a minor axis thereof intermediate the elongated hole and the slot at an angle relative to the major axis.

14. The adaptor kit of claim 13, wherein the angle of the minor axis relative to the major axis is about 20 degrees.

15. An adaptor kit for converting a can light of the type having an opening into an interior portion thereof defined by interior surfaces, the kit

adapting the can light to accept auxiliary fixtures such as a ceiling fan, a hanging lamp, a flush-mounted lamp and the like, the adaptor kit comprising:

a support plate dimensioned for insertion into the interior portion of the can light;

at least three brackets mounted on the periphery of the support plate and spaced-apart from one another and each positionally adjustable thereon at a selected position relative to the central area of the support plate, said bracket having a portion thereof facing an interior surface of the can light for engagement therewith; and

means associated with each bracket for securing its bracket in a selected position relative to the support plate and for defining a plane spaced from the support plate.

16. The adaptor kit of claim 15, wherein said means for securing comprises a threaded fastener having a first and second end, the first end thereof passing through an elongated slot in its bracket and into engagement with a hole in the support plate and further comprising a threaded nut on said threaded fastener for clamping the bracket to the support plate at a selected position thereon.

17. The adaptor kit of claim 16, wherein the second end of each of said threaded fasteners define said plane spaced from the support plate.

18. The adaptor kit of claim 17, wherein said plane is substantially parallel to said support plate.

19. The adaptor kit of claim 15, wherein each bracket is movable along an axis generally aligned at an angle relative to a radius line of the support plate.

20. The adaptor kit of claim 1, wherein each of said brackets, on the portion thereof facing an interior surface of the can light for engagement therewith, includes an opening through which a fastener extends to positionally fix

the position of the bracket to the interior surface of the can light.